

SYSTEM AND METHOD FOR TRACKING INFINIBAND RDMA READ RESPONSES

ABSTRACT

- 5 A system and method for tracking responses to InfiniBand RDMA Reads. When an RDMA Read or Read request is issued by a transmit module, a receive module is informed of the packet sequence numbers (PSN) associated with the expected RDMA Read responses. The receive module maintains a linked list for each queue pair that issues RDMA Reads. Each entry in the linked list corresponds to
- 10 one RDMA Read for the associated queue pair, and identifies the first and last PSN and includes a link to the next entry in the linked list. When the final RDMA Read response is received, the receive module notifies the transmit module, which can then retire the RDMA Read from its retry queue.